## JAP7 Rec'd PCT/PTO 09 JUN 2006'

| <u> </u> | ΓRΑΝ                        | ISMIT   | TAL         | LETTER TO THE UNIT               | CUSTOMER NO. 22,852  |  |  |  |  |  |  |  |
|----------|-----------------------------|---|-------------|----------------------------------|--|--|--|--|--|--|--|--|
|          |                             |   | COI         | OFFICE (D<br>NCERNING A SUBMISS  | O/EO/US)<br>ION UNDER 35 U.S.C. 371  | ATTORNEY'S DOCKET NUMBER: 01197.0273       |  |  |  |  |  |  |
|          |                             |   |             |                                  | U.S. APPLICATION NO. I known see 37 CFR 1.5(   |  |  |  |  |  |  |  |
|          |                             | ATIO<br>2004/   |             | APPLICATION NO.<br>59            | INTERNATIONAL FILING DATE<br>December 14, 2004   | PRIORITY DATE CLAIMED<br>December 15, 2003 |  |  |  |  |  |  |
|          |                             | F INV   |             |                                  | D FOR PRODUCTION THEREOF   | •  |  |  |  |  |  |  |
|          |                             |   |             | OR DO/EO/US<br>I Tadashi SHIMIZU |  |  |  |  |  |  |  |  |
| $\vdash$ |                             |   |             |                                  | s Designated/Elected Office (DO/EO/US) the foll  | owing items and other information:         |  |  |  |  |  |  |
| 1.       | Ø                           | This is a FIRST submission of items concerning a filing under 35 U.S.C 371.   |             |                                  |  |  |  |  |  |  |  |  |
| 2.       |                             | This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.   |             |                                  |  |  |  |  |  |  |  |  |
| 3.       |                             | This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items                       |             |                                  |  |  |  |  |  |  |  |  |
| 4.       | 0                           | (5), (6), (9) and (21) indicated below. The US has been elected (Article 31).   |             |                                  |  |  |  |  |  |  |  |  |
| 5.       | ⊠                           |   |             |                                  |  |  |  |  |  |  |  |  |
|          |                             | a. 🔯 is attached hereto (required only if not communicated by the International Bureau).  |             |                                  |  |  |  |  |  |  |  |  |
|          |                             | b. has been communicated by the International Bureau.   |             |                                  |  |  |  |  |  |  |  |  |
|          |                             | c.  |             | is not required, as the app      | lication was filed with the United States Receivir   | ng Office (RO/US).                         |  |  |  |  |  |  |
| 6.       | $\boxtimes$                 |   |             |                                  |  |  |  |  |  |  |  |  |
|          |                             | a.  | ⊠           | is attached hereto.              |  |  |  |  |  |  |  |  |
|          |                             | b.  |             | has been previously subm         | itted under 35 U.S.C. 154(d)(4).   |  |  |  |  |  |  |  |
| 7.       | $\boxtimes$                 | Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)).  |             |                                  |  |  |  |  |  |  |  |  |
|          |                             | a.   are attached hereto (required only if not communicated by the International Bureau).   |             |                                  |  |  |  |  |  |  |  |  |
|          |                             | b.  |             |                                  |  |  |  |  |  |  |  |  |
|          |                             | C.  | C.          |                                  |  |  |  |  |  |  |  |  |
|          |                             | d.  | $\boxtimes$ | have not been made and v         | will not be made.  |  |  |  |  |  |  |  |
| 8.       |                             | An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).                                    |             |                                  |  |  |  |  |  |  |  |  |
| 9.       | $\boxtimes$                 | An c  | ath o       | r declaration of the inventor(   | s) (35 U.S.C. 371 (c)(4)).   |  |  |  |  |  |  |  |
| 10.      |                             | An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)). |             |                                  |  |  |  |  |  |  |  |  |
| Item     | ıs 11 i                     | to 20 i   | belov       | v concern document(s) or         | information included:  |  |  |  |  |  |  |  |
| 11.      |                             | Information Disclosure Statement under 37 CFR 1.97 and 1.98   |             |                                  |  |  |  |  |  |  |  |  |
| 12.      | Ø                           | An a  | ssign       | ment document for recording      | g. A separate cover sheet in compliance with 37  | CFR 3.28 and 3.31 is included.             |  |  |  |  |  |  |
| 13.      |                             | A preliminary amendment.  |             |                                  |  |  |  |  |  |  |  |  |
| 14.      |                             | An Application Data Sheet under 37 CFR 1.76.  |             |                                  |  |  |  |  |  |  |  |  |
| 15.      |                             | A Substitute specification.   |             |                                  |  |  |  |  |  |  |  |  |
| 16.      |                             | A power of attorney and/or change of address letter.  |             |                                  |  |  |  |  |  |  |  |  |
| 17.      |                             | A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821-1.825.                                 |             |                                  |  |  |  |  |  |  |  |  |
| 18.      |                             | A second copy of the published International Application under 35 U.S.C. 154 (d)(4).  |             |                                  |  |  |  |  |  |  |  |  |
| 19.      |                             | A second copy of the English language translation of the international application 35 U.S.C. 154 (d)(4).  |             |                                  |  |  |  |  |  |  |  |  |
| 20.      | Other items or information: |   |             |                                  |  |  |  |  |  |  |  |  |
|          |                             | a.<br>b.<br>c.  | Ø 0         | Copy of Notification of Mis      | emational Publication No. WO 2005/056175 A1 ssing Requirements. rch Report from the Japanese Patent Office |  |  |  |  |  |  |  |

## AP20 Rec'd PCT/PTO 09 JUN 2006

| 10/582  |   | ATTORNEY'S DOCKET<br>NUMBER<br>01197.0273            |                         |          |           |    |  |  |  |  |  |  |
|---|---|--|-------------------------|----------|-----------|----|--|--|--|--|--|--|
| The following fees ha   |   | CALCULATIONS   | PTO Use<br>Only         |          |           |    |  |  |  |  |  |  |
| 21. 🛛 BASIC NATIONAL F  | 21.  BASIC NATIONAL FEE (37 CFR 1.492(a)):              |  |                         |          |           |    |  |  |  |  |  |  |
| 22. S Examination fee (37C  | FR 1.492(c))  |  |                         | •        |           |    |  |  |  |  |  |  |
| If the Written opinion prepared by<br>by IPEA/US indicates all cl<br>All other situations   |   | \$200.00   |                         |          |           |    |  |  |  |  |  |  |
| 23. Search fee (37 CFR 1 If the written opinion of the ISA/U IPEA/US indicates all clain Search fee (37 CFR 1.445(a)(2)) International Search Report prepareviously communicated All other situations                         | \$400.00  | ·  |                         |          |           |    |  |  |  |  |  |  |
| M Addition 14 (1915)  |   | I, 22 and 23 =                                       |                         |          | \$900.00  |    |  |  |  |  |  |  |
| Additional fee for specificatio listing in compliance electronic medium) ( The fee is \$250 for e   |   |  |                         |          |           |    |  |  |  |  |  |  |
| Total Sheets  | Extra Sheets  | Number of each additional thereof (round up to a who |                         | Rate     | 2050.00   |    |  |  |  |  |  |  |
| 103- 100 =  |   |  | x \$250.00              | \$250.00 |           |    |  |  |  |  |  |  |
| Surcharge of \$130.00 for furnishing commencement of the national st  | ng any of the search fee, exa<br>age (37 CFR 1.492(h)). | mination fee, or the oath or de                      | eclaration after the da | ate of   | \$        |    |  |  |  |  |  |  |
| CLAIMS  | NUMBER FILED  | NUMBER EXTRA   | RATE                    |          |           |    |  |  |  |  |  |  |
| Total Claims  | 55 - 20 =<br>2 -3 =                                     | +  | x \$50.00               |          | \$1750.00 |    |  |  |  |  |  |  |
| Independent Claims  | 0   | \$   |                         |          |           |    |  |  |  |  |  |  |
| MULTIPLE DEPENDENT CLAIM  | \$ 360.00   |  |                         |          |           |    |  |  |  |  |  |  |
| C Applicant eleime amell actifue  | \$3260.00   |  |                         |          |           |    |  |  |  |  |  |  |
| Applicant claims small entity s   | SUBTOTAL =  | \$<br>\$3260.00                                      |                         |          |           |    |  |  |  |  |  |  |
| Processing fee of \$130.00 for furn   | nishing the English translation                         | later than 30 months from th                         |                         |          | \$        |    |  |  |  |  |  |  |
| 1.492(i)).  |   |  | TOTAL NATI              | ONAL FEE | \$3260.00 |    |  |  |  |  |  |  |
| Fee for recording the enclosed as   | signment (37 CFR 1.21 (h)).                             | The assignment must be acc                           |                         |          | \$40.00   |    |  |  |  |  |  |  |
| cover sheet (37 CFR 3.28, 3.31).  | \$40.00 per property.                                   |  |                         | +        | 40000 00  |    |  |  |  |  |  |  |
|   | NCLOSED =   | \$3300.00<br>Amount to be                            | \$                      |          |           |    |  |  |  |  |  |  |
|   |   |  |                         |          | refunded: |    |  |  |  |  |  |  |
| a. A check in the amount of   | of \$ 3300.00   | to cover the above fe                                | es is enclosed.         |          | charged:  | \$ |  |  |  |  |  |  |
|   |   |  |                         |          |           |    |  |  |  |  |  |  |
| c. 🛭 The Commissioner is he<br>No. <u>06-0916</u> . A duplica   | _   |  |                         |          |           |    |  |  |  |  |  |  |
| d.  Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. |   |  |                         |          |           |    |  |  |  |  |  |  |
| NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.                |   |  |                         |          |           |    |  |  |  |  |  |  |
| SEND ALL CORRESPONDENCE TO:   |   |  |                         |          |           |    |  |  |  |  |  |  |
| Finnegan, Henderson, Farabow, 0<br>901 New York Avenue, N.W.<br>Washington, DC 20001-4413   | 201   |  |                         |          |           |    |  |  |  |  |  |  |
| DATED: June 9, 2006  Emest F. Chapman Reg. no. 25,961  NAME/REGISTRATION NUMBER   |   |  |                         |          |           |    |  |  |  |  |  |  |